

SCOPING PROCESS



DEC 2 2005

COPIES SENT

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

December 8, 2005

MEMO TO: Debbie Barbour, P.E., Director of Preconstruction
Steve DeWitt, P.E., Director of Construction
Steve Varnedoe, P.E., Chief Engineer of Operations
Bill Rosser, P.E., Director of Field Operations
Lacy Love, P.E., Director of Asset Management

FROM: Len A. Sanderson, P.E. *LSanderson*
State Highway Administrator

SUBJECT: TIP Cost Estimate Milestones for
New Location/Widening Projects

HIGHWAY DESIGN BRAN

DEC 15 2005

☒ Rdy ☒ Hyd ☐ S
☒ Str ☒ L&S ☐ E
☒ Geo ☒ Photo ☐ S
AM

LYNDO TIPPETT
SECRETARY

☐ FYI
☒ Take appropriate Action
☐ Prepare reply for

ROADWAY DESIGN UNIT

DEC 16 2005

☒ ALLEN ☒ BLEVINS ☒ SYKES
☒ BREW ☒ C. HOUSER ☒ T. HOUSER
☒ LOVERING ☒ D. TAYLOR ☒ GOODNIGHT
☒ J. MOORE ☒ C. HAIRE ☒ SPEER
☒ B. MOORE ☒ THOMAS
☒ MUMFORD ☒ WALLS
THOMPSON

☒ PREPARE REPLY FOR SIGNATURE
FYI.
REVIEW/DISCUSS WITH

As part of the Department's **Scope/Cost/Scheduling/Budget** initiative, it is the Department's goal to have current and accurate right of way and construction cost estimates. To achieve this goal, we have developed a cost estimate flowchart for new location and widening projects. This flowchart contains milestones that indicate timeframes that project cost estimates will be updated during the project development process. It also lists the parties who are responsible for requesting those estimates. Even though the flowchart is outlined for the NEPA Merger 01 process, it should also be used as a guide for non-merger projects. Please implement this new procedure immediately on all projects.

Also, further information will be forthcoming regarding the specific details of each scoping meeting as well as enhancements to the Value Engineering process. If you have any questions regarding this process, please contact Art McMillan.

LAS/alh

Attachment

cc: Art McMillan, P.E., State Highway Design Engineer
John Williamson, Manager, Right of Way Branch
Greg Thorpe, P.E., Director of Project Development and Environmental Analysis
Calvin Leggett, P.E., Manager, Program Development
Victor Barbour, P.E., State Project Services Engineer
Robert Memory, State Utility Agent
Division Engineers

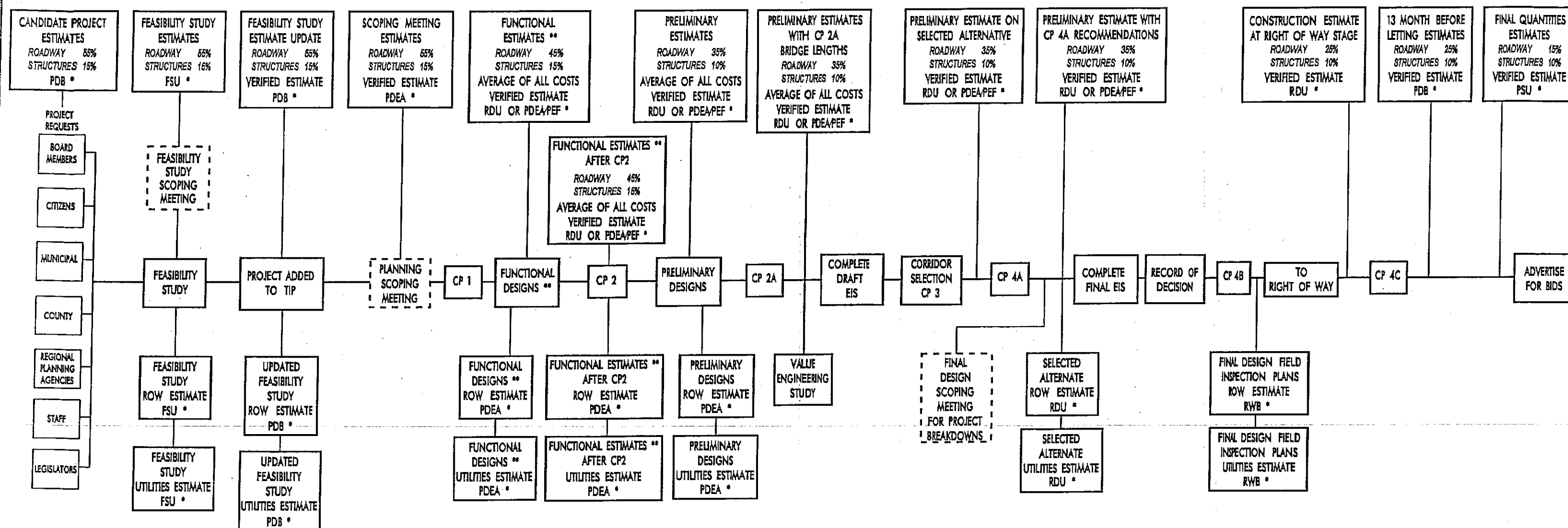
MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATOR
1536 MAIL SERVICE CENTER
RALEIGH NC 27699-1536

TELEPHONE: 919-733-7384
FAX: 919-733-9428

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
TRANSPORTATION BUILDING
1 SOUTH WILMINGTON STREET
RALEIGH NC

TIP COST ESTIMATE MILESTONES (NEW LOCATION / WIDENING)



* PARTIES RESPONSIBLE FOR REQUESTING ESTIMATES

FSU - FEASIBILITY STUDY UNIT
PDB - PROGRAM DEVELOPMENT BRANCH
PDEA - PROJECT DEVELOPMENT & ENVIRONMENTAL ANALYSIS
PSU - PROJECT SERVICES UNIT
RDU - ROADWAY DESIGN UNIT
RWB - RIGHT OF WAY BRANCH
PDEA/PEF - PDEA CONSULTANT UNIT

CONCURRENCE POINT DESCRIPTIONS

CP 1 PURPOSE AND NEED AND STUDY AREA DEFINED
CP 2 DETAILED STUDY ALTERNATIVES CARRIED FORWARD
CP 2A BRIDGING DECISION AND ALIGNMENT REVIEW
CP 3 SELECT LEDPA
CP 4A PRELIMINARY APPROVAL OF AVOIDANCE AND MINIMIZATION
CP 4B REVIEW OF 30% HYDRAULIC DESIGN
CP 4C PERMIT DRAWINGS REVIEW

** FUNCTIONAL DESIGNS & ESTIMATES ARE NOT PROVIDED ON WIDENING PROJECTS

NOTE: PROJECT CONSTRUCTION COST ESTIMATES SHALL BE UPDATED TO CURRENT UNIT PRICES EVERY 12 MONTHS (REQUESTED BY PDB)
PROJECT ROW & UTILITIES COST ESTIMATES SHALL BE UPDATED EVERY 24 MONTHS ON TIP PROJECTS (REQUESTED BY PDB)